

RESUME

as updated on June 30, 2015



PERSONAL INFORMATION

- N A M E** : **Dr. EHSAN ELAHI VALEEM**
- FATHER'S NAME** : Engr. C. NOOR ELAHI TAHIR VALEEM
- DATE OF BIRTH** : May 19, 1963
- PLACE OF BIRTH** : Uthal, Lasbela, Balochistan
- RELIGION** : Islam
- NATIONALITY** : Pakistani
- C. N. I. C. NUMBER** : 42000-2330772-9
- PASSPORT NUMBER** : A6575250
- DOMICILE** : Karachi (Sindh)
- MARITAL STATUS** : Married
- GENERAL EXPERIENCE** : Administration, Coordination, Education Management, Information Technology, Media Campaign, Monitoring and Evaluation, Public-Private Partnership (PPP) and Teaching.
- RESEARCH EXPERIENCE** : **Marine Sciences** (Biological/ Physical Oceanography, Phycology and Phycochemistry, Algae Culture and Marine Resources); **Agricultural Sciences** (Plant Pathology, Mineral Nutrition); and **Social Sciences** (Community Development, Education and PPP).
- LANGUAGES KNOWN** : English (SRW), Urdu (SRW), Sindhi (SRW), Punjabi (SRW), Arabic (RW) and Persian (RW).
(S = Speaking, W = Writing, and R = Reading).

ACADEMIC QUALIFICATIONS

- DOCTORATE** : **Ph. D.** Marine Biology (Phycochemistry) in 2005 from the Centre of Excellence in Marine Biology, University of Karachi [Thesis submitted in 2004 and degree awarded in 2005 **being 9th Ph. D. (Mar. Biol.) from Pakistan**].
- PRE DOCTORATE** : **M. Phil.** Marine Biology (Physical Oceanography) in 1995 from Centre of Excellence in Marine Biology, University of Karachi in **First Division** (Course work cleared in 1990, thesis submitted in 1993 and the degree awarded in 1995).
- POST-GRADUATION** : **M. Sc.** Botany (Plant Pathology) in 1987 from Botany Department, University of Karachi in **First Division**.
- GRADUATION** : **B. Sc.** (Pre-Medical) in 1984 from F. G. U. Science College (now FUUAST), Gulshan-e-Iqbal, Karachi, affiliated with the University of Karachi in **Second Division**.
- INTERMEDIATE** : **H. S. C.** (Pre - Medical) in 1981 from Pakistan Ship-owners' Government College, North Nazimabad, Karachi and **Additional Mathematics** of F. Sc. in 1982 from the same college affiliated with the Board of Intermediate Education Karachi and obtained **Second Division**.
- MATRICULATION** : **S. S. C.** (with science) in 1978 from Govt. Technical Age Sec. School, Azizabad, Karachi, affiliated with the Board of Secondary Education Karachi in **B Grade i.e. (First Division)**.

LAW QUALIFICATION

- POST-GRADUATION** : **LL. B.** in 1992 from S. M. Law College, Karachi, affiliated with the University of Karachi in **Second Division**.

COMPUTER PROFICIENCIES

- 2004 : Short Certificate Course in **CorelDraw 11** from Al-Ehsan Centre for Computer Education, University Road, Karachi.
- 2004 : Short Certificate Course in **Adobe Photoshop 7.0** from Al-Ehsan Centre for Computer Education, University Road, Karachi.
- 2003 : Certificate of **Best Master Trainer** for the year 2003 for imparting Intel Teach to the Future Programme, accorded by **Intel Corporation** (innovation in Education) and **Ministry of Education**, Pakistan.
- 2001 : Certificate of **Master Trainer Course** of Information Technology under the programme of Intel Teach to the Future with support from **Microsoft** conducted by **Intel Corporation** (innovation in Education) during November 2001 and stood at **outstanding position** amongst the participants (Professors of Govt. Colleges) in Pilot Batch held at Sir Syed Govt. Girls College, Nazimabad, Karachi.
- 1997 : Certificate Course of **InPage (an Urdu software)** from Al-Ehsan Centre for Computer Education, University Road, Karachi.
- 1997 : Certificate Courses of different applications like **Windows, Office, Internet** and **e-mailing** etc. from Al-Ehsan Centre for Computer Education, Univ., Rd., Karachi, in **A Grade**.
- 1992 : Certificate Courses of different software like **EDPC, DOS, WordStar, FormTool, Lotus123** and **SlideWrite** etc. from Creative Computer Centre, M. A. Jinnah Road, Karachi, in **First Division**.
- 1985 : Certificate of **Computer Programming** in COBOL language from Grace Institute, Karachi, affiliated with Sindh Board of Technical Education, Karachi in **'C' Grade**.

ONLINE COURSES COMPLETED

- 2009 : Successfully completed Online Course on **Public Private Partnership: Model Concession Contracts**, held by United Nations Economic and Social Commission for Asia and the Pacific (**UN-ESCAP**), commenced from March 31 to April 27, 2009.

SHORT COURSE COMPLETED

- 2014 : Successfully completed MFF Pakistan training course on **Project Cycle Management with emphasis on proposal writing and appraisal**, held by MFF-IUCN, Pakistan during April 17 to 18, 2014.
- 2014 : Successfully completed 5 days training course on **Integrated Coastal Management**, held by NED University of Engineering and Technology, Karachi, Pakistan during March 31 to April 04, 2014 in collaboration with MFF-IUCN, Pakistan.
- 2013 : Successfully completed course on **Filing of Income Tax Return**, held by Sardar Yasin Malik Professional Development Centre (SYM), University of Karachi, Pakistan during September 17 to 18, 2013.



SPECIAL TRAININGS OBTAINED

- 2013 : Afghanistan - Pakistan - USA Tri Lateral Commission Training Programme in Support of Capacity Development for Agricultural Trade in the Islamic Republic of Afghanistan and Islamic Republic of Pakistan and Best Practices for the **Food Industry - Improving International Competitiveness**, held at and organized by KU Office of Research, Innovation and Commercialization at the University of Karachi, Pakistan.
- 2013 : Training Programme on **Developing Research Skills (9 Cr. h.)**, held at and organized by Sardar Yasin Malik Professional Development Centre (SYM), University of Karachi, Pakistan.
- 2007 : **Training to Teach English for Specific Purposes** held at Aga Khan University, Karachi, Pakistan.
- 2005 : **Training Workshop on Mud Crab (Genus Scylla)** held at University of Karachi, Karachi Pakistan.
- 2005 : **Five-Day Refresher Course in Biology** held at D. J. Sindh Govt. Science College, Karachi Pakistan.
- 2004 : **Three day Course on Creativity and Innovation in the Organization** held at NILAT, Karachi, Pakistan.
- 2001 : **Master Trainer Course by Intel Corporation** held at Sir Syed Govt. Girls College, Nazimabad, Karachi.
- 1997 : **Teachers Development Programme on Biology Orientation** held at Institute of Education & Social Sciences, Hamdard University, Karachi.
- 1993 : **NASEER IIIrd Cruise of EEZ** held on M. V. Mangen hired by NIO to explore the entire EEZ of Pakistan.
- 1990-1992 : **Cruising Techniques of Ehsan Channel, Phitti Creek & surrounding areas** held on M.V. Mazdoor/ Sadaf Boat of PQA to explore the creek areas.

COMPUTER TRAININGS IMPARTED

- 2008 : **Skill for Success and Getting Started Course** at Army Public School (COD), Rashid Minhas Road, Karachi, Pakistan.
- 2007 : **Skill for Success and Getting Started Course** at Happy Home School, Shaheed-e-Millat Road, Karachi, Pakistan.
- 2007 : **Skill for Success and Getting Started Course** at Federal Public School, Karachi Cantt., Pakistan.
- 2001-2006 : **Intel Teach to the Future Programme** imparted at:
- Govt. Degree Sci. & Com. College Gulshan-e-Iqbal, Karachi.
 - D. J. Sindh Govt. Science College, Karachi.
 - Govt. College for Men, Nazimabad, Karachi.
 - NJV Higher Secondary School, M.A. Jinnah Road, Karachi.
 - Postal Information Technology Centre (PITC), 2nd & 3rd Floor, Cantt. Head Post Office Building, Karachi. (Thrice).
 - NIPA, University Road, Karachi.
 - IT Institute, Khalid Bin Walid Road, Karachi. (Twice).
 - Karachi High School, Behind Karachi Club, Karachi. (Thrice).

PROFESSIONAL EXPERIENCES GAINED

- Jan. 2013 to date** : Working as **Assistant Professor of Marine Science** in Institute of Marine Science, University of Karachi, Karachi-75270.
- Nov. 2009 to Jan. 2013** : Worked as **Assistant Professor of Botany/ Head of Botany Department** in Govt. Degree College Buffer Zone, North Nazimabad Town, Karachi-75850.
- Aug. 2008 to Nov. 2009** : Worked as **Planning Officer/ Assistant Director (Coordination), Programme Monitoring Unit (PMU), Sindh Growth and Rural Revitalization Programme (SG&RRP) and In-charge (Chief Planning Officer)/ Programme Coordinator, Public Private Partnership Unit (PPPU)** in Planning and Development Department, Govt. of Sindh, Karachi-74200.
- Mar. 2007 to Aug. 2008** : Worked as **Senior Lecturer in Botany** in Govt. Degree Science and Commerce College, Gulshan-e-Iqbal, Karachi-75300.
- Jan. 2007 to Mar. 2007** : Worked as **Section Officer (Coordination-II & IV)** in Implementation and Coordination Department, SGA&CD, Govt. of Sindh, Karachi-74200.
- Jan. 2006 to Jan. 2007** : Worked as **Section Officer (Plant Protection & Publicity), Section Officer (Prime Minister Programme) and (Planning and Monitoring Cell)** in Agriculture Department, Govt. of Sindh, Karachi-74200.
- Oct. 2004 to Jan. 2006** : Working as **Senior Lecturer in Botany** in Govt. Degree Sci. & Com. College, Gulshan-e-Iqbal, Karachi-75300.
- Jul. 2002 to Oct. 2004** : Worked as **Section Officer/ Focal Person** (Media Campaign) and as **Assistant Director** in Sindh Education Management Information Systems (SEMIS)/ Research Monitoring and Evaluation Systems (RMES) in Education and Literacy Department, Govt. of Sindh, Karachi-74200.
- Jun. 2k to Dec. 2002** : Worked as **Senior Lecturer in Botany** in Govt. Degree Sci. & Com. College, Gulshan-e-Iqbal, Karachi-75300.
- Mar. 1993 to May 2k** : Worked as **Lecturer/ Head of Botany Department** in Govt. Degree Sci. & Com. College, Landhi/ Korangi, Korangi No. 6, Karachi-74900.
- Apr. 1993 to Jan. 1995** : Worked as **Senior Research Fellow** in the Marine Reference Collection and Resource Centre, University of Karachi in the project **RMOAS** of the **Office of Naval Research**, U.S.A. Office of Naval Research, U. S. A.
- Jul. 1992 to Mar. 1993** : Worked as **Research Officer** in the Marine Reference Collection and Resource Centre, University of Karachi in the project **RMOAS** of the **Office of Naval Research**, U.S.A. Office of Naval Research, U. S. A.
- Jan. 1990 to Jun. 1992** : Worked as **Research Officer** in the North Arabian Sea Ecological and Environmental Research (NASEER) projects executed in Marine Reference Collection and Resource Centre, University of Karachi, Karachi-75270.
- Jul. 1989 to Jul. 1991** : Worked as **Junior Research Fellow** in the Centre of Excellence in Marine Biology, University of Karachi, Karachi-75270.



- 2009** : **Establishment of Special Economic Zones (SEZ) in Sindh** ADP 2008-09 (Modified PC-1) Rs. 3,351.527 million including 326.527 million for Special Economic Zone at Khairpur; submitted from Public Private Partnership Unit (PPPU), Planning and Development Department, Govt. of Sindh, Karachi-74200.
- 2009** : **Establishment of Special Economic Zones in Sindh** ADP 2008-09 reflected at Sr. # ???; Project Cost: Rs. 500.00 million; submitted from Public Private Partnership Unit (PPPU), Planning and Development Department, Govt. of Sindh, Karachi-74200.
- 2009** : **Partnership between Competitiveness Support Fund and Government of Sindh** non ADP 2008-09 reflected at Sr. # ???; Project Cost: Rs. 2400.00 million; submitted from Public Private Partnership Unit (PPPU), Planning and Development Department, Govt. of Sindh, Karachi-74200.
- 2008** : **Community Development through Civil Society Organizations and others including the Corporate Sector** ADP 2008-09 reflected at Sr. # 1396; Project Cost: Rs. 500.00 million; submitted from Public Private Partnership Unit (PPPU), Planning and Development Department, Govt. of Sindh, Karachi-74200.
- 2008** : **Community Development through Civil Society Organizations and others including the Corporate Sector** ADP 2008-09 reflected at Sr. # 1396; Project Cost: Rs. 500.00 million; submitted from Public Private Partnership Unit (PPPU), Planning and Development Department, Govt. of Sindh, Karachi-74200.
- 2008** : **Benazir Bhutto Shaheed Youth Development Programme “Training for Social Mobilizers through Rural Support Organizations & Micro Finance Banks”** ADP 2008-09 reflected at Sr. # 1397; Project Cost: Rs. 300.00 million; submitted from Public Private Partnership Unit (PPPU), Planning and Development Department, Govt. of Sindh, Karachi-74200.
- 2008** : **Capacity Building and Assistance to Producers/ Civil Society Organizations (CSOs)** ADP 2008-09 reflected at Sr. # 1392; Project Cost: Rs. 300.00 million; submitted from Public Private Partnership Unit (PPPU), Planning and Development Department, Govt. of Sindh, Karachi-74200.
- 2004** : **Public Awareness Campaign** reflected in ADP 2004-05; Project Cost: Rs. 4.00 million; submitted from Media Campaign Cell (SEMIS/ RMES), Education and Literacy Department, Government of Sind, Karachi-74200.



FELLOWSHIPS AVAILED

- Apr. 1993 to Jan. 1995** : Worked as **Senior Research Fellow** in the Marine Reference Collection and Resource Centre, University of Karachi (The fellowship awarded by the **Office of Naval Research**, U.S.A. through the Principal Investigator of the project **RMOAS**).
- Jul. 1989 to Jul. 1991** : Worked as **Junior Research Fellow** in the Centre of Excellence in Marine Biology, University of Karachi in connection with M.Phil. course and research work. (Fellowship awarded by **University Grants Commission**, Islamabad).

DISSERTATIONS PRESENTED

- 2004** : Thesis of **Ph. D.** entitled **COMPOSITION OF FATTY ACIDS IN MARINE AND FRESHWATER ALGAE OF SINDH** for the fulfilment of Ph. D. degree from the Centre of Excellence in Marine Biology, University of Karachi.
- 1993** : Thesis of **M. Phil.** entitled **STUDY OF THE VARIATION OF WAVES AND THEIR EFFECT NEAR PHITTI CREEK DURING MONSOON SEASON** for the partial fulfilment of M. Phil. degree from Centre of Excellence in Marine Biology, University of Karachi.

HEC APPROVED AS Ph. D. SUPERVISOR

- 2008** : Name included in **HEC-approved Ph. D. Supervisors'** list *vide* HEC's letter # 1-30/HEC/HRD/2008/39(2)1, dated 20th August 2008 (<http://sc.hec.gov.pk/aphds/submit.asp?supid=2684>).

STUDENTS SUPERVISED IN M.Sc. THESES

S. No.	Year of Enrolment/ Submission	Title of Research Thesis	Subject	Name of Student
1.	2013	Epiphytic association on pneumatophores of mangroves (<i>Avicennia marina</i>) from Karachi Coast (Sandspit area)	Botany	Ms. Afshan Israr
2.	2013	Endophytic association in pneumatophores of mangroves (<i>Avicennia marina</i>) from Karachi coast (Sandspit area)	Botany	Ms. Faiza Israr

STUDENTS ENROLLED/ PASSED IN M.Phil./ Ph.D.

S. No.	Year of Enrolment/ Awarded	Title of Research Thesis	Subject	Name of Student
1.	2008/ 2015	Biosynthesis and optimization of valuable enzymes by culturing fungi on agricultural cum industrial waste media	Chemistry	Mr. Kashif Ahmed
2.	2013/?	Bioremediation of wastewater through algal propagation	Marine Science	Ms. Bushra Khan
3.	2014/?	Manure potential of seaweeds: Exploitation of an alternate source of organic fertilizer	Botany	Ms. Zakia Zia-Ahfaz
4.	2015/?	Seasonal variation of micro-organisms in the mangrove habitat of Manora Island, Karachi	Marine Science	Mr. Muhammad Ali Ayubi

STUDENTS EXAMINED FOR Ph.D. DEGREE

S. No.	Year of Viva Voce	Title	Subject	Name of Student	Name of Supervisor
1.	2009	Antileishmanial, Antioxidant and Antifungal Activity of Seaweed (Rhodophyta, Phaeophyta, Order Dictyotales)	Botany	Sabina Habib	Prof. Dr. Aliya Rehman
2.	2010	Studies on Phycochemistry and Bioactivity of twelve freshwater algae of Sindh	Botany	Muhammad Nadeem Khalid	Prof. Dr. Mustafa Shameel

EDITORSHIP ACCORDED

- 2011 to date : Working as **Chief Editor** of **International Journal of Phycology and Phycochemistry**, A Biannual Publication on Algal Research, being published regularly from Institute of Marine Science, University of Karachi.
- 2010 to date : Working as **Subject Editor** of **Bioscience Research (ISSN: 1811-9506; Science 2004)** being published by Innovative Scientific information and Services network (ISISnet).
- 2009 : Worked as **Editor** of **Midyear Review of Annual Development Programme 2008-2009 (July-December, 2008)**, Planning and Development Department, Govt. of Sindh, Karachi-74200.
- 2008-2010 : Worked as **Editor** of **International Journal of Phycology and Phycochemistry**, A Biannual Publication on Algal Research, being published regularly from M. A. H. Qadri Biological Research Institute, University of Karachi.
- 2005-2008 : Worked as **Managing Editor** of **International Journal of Phycology and Phycochemistry**, A Biannual Publication on Algal Research, being published regularly from M. A. H. Qadri Biological Research Institute, University of Karachi.
- 1999 : Worked as **In-Charge Editor** Magazine **CARAVAN** brought into publication by GDSCCL/K, Karachi-74900.

INTERNATIONAL CRUISES AWAILED

- 1993 - 1994 : Several one day cruises of entire **Karachi Coast** on Fishermen boats, scheduled by the Principal Investigator of the NASEER and ONR-USA Projects
- 1993 : Two weeks' **NASEER Cruise of Exclusive Economic Zone of Pakistan**, organised by National Institute of Oceanography, Karachi, Pakistan, on M. V. Mangen (the same motor vessel used for Second Antarctic Expedition of Pakistan).
- 1992 : One day cruise on M. V. Mazdoor of **Ehsan Channel**, organised by Port Bin Qasim Authority, Karachi, Pakistan.
- 1990 : One day cruise on M. V. Mazdoor of Phitti **Creek and surrounding areas of Port Bin Qasim**, organised by Port Bin Qasim Authority, Karachi, Pakistan.


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EXTRA PROFICIENCIES

PRACTICAL

KNOWLEDGE OF


: Detail can be provided if asked.

INTERNATIONAL/ NATIONAL SEMINARS/ WORKSHOPS/ CONFERENCES/ SYMPOSIA ATTENDED

- 2014** : **Shameel Memorial Seminar on Algal Resources of Pakistan**, held at and organized by Institute of Marine Science in collaboration of KU-ORIC, Univ. Kar., Karachi, Pakistan.
- 2014** : **Phycological Workshop on Algal Collection & Culturing Techniques (Microalgae Culture: the most professional activity)** held at and organized by Department of Botany, GC-University, Lahore, Pakistan.
- 2013** : First Annual Conference of Pakistan Aquaculture and Fisheries Society on **Aquaculture and Fisheries Development: Opportunities and Challenges**, organized by KU Office of Research, Innovation and Commercialization (KU-ORIC) held at and at NIO, Karachi, Pakistan.
- 2013** : **Second National Phycological Conference**, held at and organized by Deptt. of Botany, Univ. Karachi, Pakistan.
- 2012** : **Conference on Power Generation, 2012** organized by REEP, held at Marriot Hotel, Karachi, Pakistan.
- 2011** : **First National Phycological Conference**, held at and organized by Deptt. of Botany, GC-Univ. Lahore, Pakistan.
- 2009** : **Five days Training Workshop on Drought Mitigation** organized by (HANDS) held at the PILER, Karachi, Pakistan being the Chief Guest of inaugural ceremony.
- 2009** : **Seminar on Public Private Partnership** jointly organized by Infrastructure Management Unit, Planning Commission, Islamabad and Karachi Chamber of Commerce and Industry, Karachi, Pakistan.
- 2009** : **Interregional Experts Group Meeting on Public Private Partnerships in Infrastructure Development** organized by United Nations Economic and Social Commission for Asia and Pacific (UNESCAP) held at UN Conference Centre, Bangkok, Thailand.
- 2009** : **One day Workshop on Public Private Partnership** organized by Punjab Resource Management Programme, Planning and Development Department, Lahore, Pakistan.
- 2008** : **Country Strategic Opportunities Programme (COSOP) Wrap-Up Workshop** jointly organized by Economic Affairs Division - International Fund for Agricultural Development (EAD-IFAD) held at the Serena Hotel, Islamabad, Pakistan.
- 2008** : **National Workshop for Sharing Draft Poverty Reduction Strategy Paper (PRSP)-II** held at the National Library Auditorium, behind PM Secretariat - Public, G-5/3, Islamabad, Pakistan.

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- 2008 : **National Conference on Ecology** jointly organized by Laboratory of Dendrochronology and Plant Ecology of Pakistan and Department of Botany, Federal Urdu University of Arts, Science and Technology, Karachi, Pakistan.
- 2007 : **International Seminar/ Workshop on Dendrochronology and its Scope in South Asia** held at Federal Urdu University of Arts, Science and Technology, Karachi, Pakistan.
- 2007 : **1st International Maritime Conference: Maritime Threats and Opportunities in the 21st Century: A Global Perspective on Indian Ocean** held at National Centre of Maritime Policy Research, Bahria Univ., Karachi, Pakistan.
- 2006 : **Seminar on Shrimp Fisheries of Pakistan** held at Hotel Regent Plaza Karachi by CEMB, UoK, Pakistan.
- 2005 : **International Symposium on Recent Trends in Plant Disease Management** held at University of Karachi, Pakistan.
- 2005 : **4-Day National Seminar on Advances in Plant Sciences** held at Institute of Botany, University of Sindh, Jamshoro, Pakistan.
- 2005 : **2-Day Seminar/Workshop on Paper Setting & Quality Assessment** held at Sir Syed Govt. College and Hotel Regent Plaza, Karachi, Pakistan.
- 2005 : **Five-Day Workshop for Biology Practicals** held at Govt. Degree College for Boys & Girls, Majeed SRE, Karachi Pakistan.
- 2005 : **Workshop on Educational Psychology, Teaching Methodology and Evaluation** held at Muhammad Ali Jinnah University, Karachi by Hamdard University, FPCCI and The Education Foundation, Pakistan.
- 2004 : **6-Day National Seminar on New Trends in Plant Sciences** held at Department of Botany, University of Sindh, Jamshoro, Pakistan.
- 2004 : **Intel Teach to the Future Conference Series 2004 Enhancement Workshop** held at Beach Luxury Hotel, Karachi, Pakistan.
- 2003 : Series of Three Seminars **on Public Service Delivery in Education Sector** held at Karachi, Hyderabad and Sukkar by Media Campaign Cell, SEMIS/RMES, Education and Literacy Department, Govt. of Sindh, Karachi, Pakistan.
- 2002 : **National Symposium on Nematology** held at NIPA, Karachi by Pakistan Society of Nematologists, Pakistan.
- 2001 : **Symposium on Untapped Fisheries Resources of Pakistan**, University of Karachi, Karachi, Pakistan.
- 2001 : **Symposium on River Indus; Course, History, Biodiversity and Future** held at Arts Auditorium, Univ. Karachi, Pakistan.
- 2000 : **Symposium on Fisheries and Aquaculture of Edible Crabs of Pakistan** held in the University of Karachi.
- 2000 : **Workshop on Marine Science Education in the 21st Century Present & Future Perspectives** held in the British Council, Karachi, Pakistan.

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- 1998** : **Champions of Reforms Conference** held on 25th December, 1998 at old National Assembly Hall (State Bank Building), G-5, Islamabad, Pakistan.
- 1997-98** : **7th International Symposium on Natural Product Chemistry** held at Marriot Hotel, Karachi, Pakistan.
- 1996** : **Workshop on Coastal Aquaculture** held at Taj Mahal Hotel, Karachi, Pakistan.
- 1994** : **14th Pakistan Congress of Zoology**, held at the Auditorium of Shaikh Zaid Islamic Centre, University of Karachi, Pakistan.
- 1993** : **PAK - US Conference on Arabian Sea; Living Marine Resources and the Environment** held at Sheraton Hotel by MRC, University of Karachi, Karachi, Pakistan.
- 1991** : **National Symposium on Status of Plant Pathology in Pakistan**, University of Karachi, Pakistan.
- 1991** : **UNESCO National Seminar on Study and Management in Coastal Zones in Pakistan**, held at Taj Mahal Hotel by MRC, Univ. of Karachi, Karachi, Pakistan.
- 1986** : **International Conference on Marine Science of the Arabian Sea**, held by MRC, University of Karachi, Karachi, Pakistan.



LIST OF PUBLICATIONS

Research Papers (100)

1. Saifullah, S. M. and **Ehsan Elahi**. 1992. Pneumatophore density and size in Mangroves of Karachi, Pakistan. **Pak. J. Bot.**, 24(1): 5-10 (IF, 0.052).
2. Tirmizi, S. M. A., **Valeem, E. E.** and Ghani, S. T. N. 1993. Analyses of waves in Phitti creek of Northern Arabian Sea. *In: Thompson, M. F. & Tirmizi, N. M. (eds.): Proc. Pak-US Conf. Arabian Sea, Living Mar. Res. & Environ.*, p. 627-640.
3. Tamimi, N. A., Muqtadir, A. M. M. A., Ansari, O. S. and **Valeem, E. E.** 1994. Use of social tablets (aquariums) for the recovery of common diseases initiated by mental stress. *In: Haleem, M. A., Athar, H. S. A. & Darakhshan, J. H. (eds.): Proc. ISBBP Symp. Biochem. Biophys.*, 1: 115-118.
4. Tirmizi, S. M. A., **Valeem, E. E.** and Ghani, S. T. N. 1995. Distribution of wave heights in Phitti creek during southwest monsoon. **Pak. J. Mar. Sci.**, 4(2): 91-94 (Cat., Y).
5. Khan, Z. I., Hussain, A., Ashraf, M., **Valeem, E. E.** and Ashraf, M. Y. 2004. Use of pasture and animal samples as indicators of magnesium status of small ruminants in relation to seasonal fluctuations. **Int. J. Biol. Biotech.**, 1(3): 413-422 (Cat., Z).
6. Khan, Z. I., Hussain, A., Ashraf, M., **Valeem, E. E.**, Ashraf, M. Y. and Akhtar, M. S. 2004. Seasonal variation in soil and forage mineral concentrations in semi arid region of Pakistan. **Pak. J. Bot.**, 36(3): 635-640 (IF, 0.186).
7. Khan, Z. I., Hussain, A., Ashraf, M., **Valeem, E. E.**, Ashraf, M. Y., Akhtar, M. S. and Ahmad, M. S. 2004. Variation in soil and forage minerals over two grazing seasons at different sampling periods in semiarid region of Pakistan. **Int. J. Biol. Biotech.**, 1(4): 681-686 (Cat., Z).
8. Khan, Z. I., Hussain, A., Ashraf, M., **Valeem, E. E.**, Ashraf, M. Y. and Ahmad, M. S. 2004. Soil and forage mineral (trace elements) status of a grazing pasture in the semiarid region of Pakistan. **Pak. J. Bot.**, 36(4): 851-856 (IF, 0.186).
9. Khan, Z. I., Hussain, A., **Valeem, E. E.**, Ashraf, M., and McDowel, L. R. 2005. Seasonal variation in calcium in soil-plant-animal system at sheep ranch, Punjab, Pakistan. **Int. J. Biol. Biotech.**, 2(1): 187-195 (Cat., Z).
10. Khan, Z. I., **Valeem, E. E.**, Hussain, A. Ashraf, M., and McDowel, L. R. 2005. Seasonal variation in calcium and magnesium status of soil, dietary sources and small grazing ruminants in the semiarid region of Pakistan. **Int. J. Biol. Biotech.**, 2(1): 197-214 (Cat., Z).
11. Khan, Z. I., Hussain, A., Ashraf, M., **Valeem, E. E.**, Ashraf, M. Y., McDowel, L. R., Akhtar, M. S. and Mirza, M. A. 2005. Effect of seasonal variation on the zinc content of soil, forage, water, feed, and small ruminants grazing the native and improved pasture during different seasons in the semiarid region of Pakistan. **Int. J. Biol. Biotech.**, 2(2): 465-474 (Cat., Z).
12. **Valeem, E. E.** and Shameel, M. 2005. Fatty acid composition of blue-green algae of Sindh, Pakistan. **Int. J. Phycol. Phycochem.**, 1(1): 83-92 (Cat., Y).
13. **Valeem, E. E.** and Shameel, M. 2005. Fatty acid composition of Volvocophyta Shameel from Sindh, Pakistan. **Int. J. Phycol. Phycochem.**, 1(2): 177-180 (Cat., Y).
14. Khan, Z. I., Hussain, A., Ashraf, M., **Valeem, E. E.** and Javed, I. 2005. Evaluation of variation in soil and forage micro-mineral concentrations in a semiarid region of Pakistan. **Pak. J. Bot.**, 37(4): 921-931 (IF, 0.153).
15. **Valeem, E. E.** and Shameel, M. 2006. Fatty acid composition of the class Ulvophyceae (Chlorophyta) from Sindh, Pakistan. **Int. J. Phycol. Phycochem.**, 2(1): 87-92 (Cat., Y).

16. Valeem, E. E. and Shameel, M. 2006. Fatty acid composition of the class Zygnemophyceae Shameel (Chlorophyta) from Sindh, Pakistan. **Int. J. Phycol. Phycochem.**, 2(2): 207-212 (Cat., Y).
17. Valeem, E. E. 2006. NASEER IIIrd Cruise of the Arabian Sea on M. V. Mangen. **Int. J. Phycol. Phycochem.**, 2(2): 221-222 (Cat., Y).
18. Khan, Z. I., Ashraf, M. and Valeem, E. E. 2006. Forage mineral status evaluation: the influence of pastures. **Pak. J. Bot.**, 38(4): 1043-1054 (IF, 0.106).
19. Valeem, E. E. and Shameel, M. 2007. Fatty acid composition of the class Siphonocladophyceae Shameel (Chlorophyta) from Sindh, Pakistan. **Int. J. Phycol. Phycochem.**, 3(1): 17-28 (Cat., Y).
20. Khan, Z. I., Ashraf, M., Ahmad, K., Valeem, E. E. and McDowell, L. R. 2007. Seasonal dynamics of zinc in soil, dietary factors and grazing sheep from south-western, Punjab, Pakistan. **Pak. J. Bot.**, 39(4): 1103-1112 (IF, 0.290).
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1. **Valeem, E. E.** and Shameel, M. **2010.** *Composition of Fatty Acids in Marine and Freshwater Algae of Sindh: Isolation and Characterization.* **VDM Verlag Dr. Müller**, 240 pp. ISBN. 10: 3-639-25103-2, ISBN-13: 978-3-639-25103-6.
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SUMMARY OF PUBLICATIONS

Research Papers (103) published in international research journals:

- 38 research papers published in **Pakistan Journal of Botany**;
- 01 research paper published in *Proceedings Pak-US Conference on Arabian Sea, Living Marine Resources & Environment*;
- 01 research paper published in *Proceedings ISBBP Symposium Biochemistry and Biophysics*;
- 08 research papers published in **Pakistan Journal of Marine Science**;
- 08 research papers published in **International Journal of Biology and Biotechnology**;
- 42 research papers published in **International Journal of Phycology and Phycochemistry**;
- 01 research paper published in *Proceedings International Maritime Conference*;
- 01 research paper published in **Proceedings of Pakistan Academy of Sciences**;
- 01 research paper published in **Veterinary Journal Vet Scan**.
- 01 research paper published in **African Journal of Pharmacy & Pharmacology**, and
- 01 research paper published in **FUUAST Journal of Biology**.






Books (07) published simultaneously from UK, USA & Germany:

- 04 by **VDM Verlag Dr. Müller**,
 240 pp. ISBN. 10: 3-639-25103-2, ISBN-13: 978-3-639-25103-6;
 284 pp. ISBN. 10: 3-639-31657-6, ISBN. 13: 978-3-639-31657-5;
 152 pp. ISBN-10: 3-639-33304-7, ISBN-13: 978-3-639-33304-6;
 336 pp. ISBN-10: 3-639-34195-3, ISBN-13: 978-3-639-34195-9; and
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SIGNATURE



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CITATION

(Dr. *Ehsan Elahi Valeem*)

Dr. *Ehsan Elahi Valeem* was born on 19th May 1963 at Uthal (Lasbela, Balochistan). He obtained his M.Sc. degree in Botany (Plant Pathology) from the University of Karachi in 1988 by securing 1st division, M. Phil. in Marine Biology (Physical Oceanography) with course work in 1995 in 1st division and Ph. D. in Marine Biology (Phycochemistry) in 2005 from the Centre of Excellence in Marine Biology, University of Karachi being 9th Ph. D. from Pakistan. Dr. Valeem worked as Junior Research Fellow in the Centre of Excellence in Marine Biology, University of Karachi during Jul. 1989 to Jul. 1991. He worked as Research Officer in the North Arabian Sea Ecological and Environmental Research (NASEER) projects and in different components of Office of Naval Research, U. S. A. Project (RMOAS) in Marine Reference Collection and Resource Centre (MRC), University of Karachi and later on continued as Senior Research Fellow during Jan. 1990 to Jan. 1995. He joined the Department of Botany, Govt. Degree Science and Commerce College, Landhi/Korangi, Korangi No.6, Karachi-74900 as Lecturer in Botany in March 1993. He remained Head of Botany Department in the same college during Nov. 1996 to May 2k. On his transfer he joined Botany Department, Govt. Degree Science and Commerce College, Gulshan-e-Iqbal, Karachi-75300 where he continued his service as Senior Lecturer in Botany during Jun. 2k to Dec. 2002, Oct. 2004 to Jan. 2006 and Mar. 2007 to Aug. 2008. On his promotion as Assistant Professor of Botany, he joined Govt. Degree College Buffer Zone, North Nazimabad Town, Karachi-75850 and remained there as Head of Botany Department from Nov. 2009 to Jan. 2013.

Besides teaching and research Dr. *Valeem* also worked in different capacities; on administration side like Section Officer (Media Campaign)/ Focal Person, Media Campaign Cell and Assistant Director in Sindh Education Management Information Systems (SEMIS)/ Research Monitoring and Evaluation Systems (RMES), Education and Literacy Department, Govt. of Sindh during Jul. 2002 to Oct. 2004; Section Officer (Plant Protection & Publicity)/ Section Officer (Prime Minister Programme) and (Planning and Monitoring Cell) in Agriculture Department, Govt. of Sindh during Jan. 2006 to Jan. 2007; Section Officer (Coordination-II & IV) in Implementation and Coordination Department, Services General Administration and Coordination Department (SGA&CD), Govt. of Sindh during Jan. 2007 to Mar. 2007; Planning Officer/ Assistant Director (Coordination), Programme Monitoring Unit (PMU), Sindh Growth and Rural Revitalization Programme (SG&RRP) and In-charge (Chief Planning Officer)/ Programme Coordinator, Public Private Partnership Unit (PPPU) in Planning and Development Department, Govt. of Sindh during Aug. 2008 to Nov. 2009. Being a computer literate person he has been declared as Best Master Trainer for the year 2003 for imparting Intel Teach to the Future Programme, the award accorded by Intel Corporation (innovation in Education) and Ministry of Education, Pakistan. He has been a resource person of Intel Corporation of Pakistan to motivate young students of K12 to become emerging scientists.

He joined Institute of Marine Science, University of Karachi as Assistant Professor on Jan. 29, 2013 and working there to date. Dr. *Valeem* has altogether more than 25 years' experience of teaching, research and administration. By virtue of his experience he has specialized in Administration, Coordination, Education Management, Information Technology, Media Campaign, Monitoring & Evaluation, Public-Private Partnership *etc.* He has been a subject editor of Bioscience Research and managing editor, editor and chief editor of International Journal of Phycology and Phycochemistry (IJPP). He published five articles and >100 scientific research papers in magazines and journals of international repute both at home and abroad. Apart from that he published seven books simultaneously from Germany, UK and USA. His research areas include Marine Sciences (Biological/ Physical Oceanography, Phycology & Phycochemistry, Algae Culture & Marine Resources); Agricultural Sciences (Plant Pathology & Mineral Nutrition); and Social Sciences (Applied Education, Community Development & Public Private Partnership). He has participated in several national and international conferences and presented scientific papers and lectures as Resource Person. He has successfully supervised research work of two M. Sc. students and supervising three M.Phil./ Ph.D. students being HEC-approved Ph.D. supervisor. One of his students has submitted Ph. D. thesis.

Dr. *Valeem* has been a member of academic and professional societies such as College Teachers Botanical Society (CTBS), Pakistan Botanical Society (PBS), All Pakistan Association of Oceaners (APNAO), Association for Exploration of Algal Resources (AEAR), Association for Exploration of Marine Resources (AEMR), Pakistan Society of Phycology (PSP), Pakistan Aquaculture and Fisheries Society (PAFS) and Gene Group of Photographers (GGP), Karachi, Pakistan. He extended his services for young university scholars enabling them to be productive scientists of Pakistan.